

COPY**REPUBLIC CREOSOTING COMPANY****Mr. H. R. Horner, Indianapolis****St. Louis Park, Minn.****H. L. Danz****March 17, 1939****DRAINAGE DITCH**

US EPA RECORDS CENTER REGION 5



514943

We have your letter of March 9th, and have carefully noted your suggestions. It is our plan now to reinstall the weir just as soon as the weather permits and take a series of flow readings to determine as near as possible what capacity settling basins are required. When we do get started on this work some photographs will be made of the ditch lay out that will give you a better idea of what this situation is. We presume you have in mind that the waste water entering the settling basins be treated in order to dispose of the water soluble ingredients such as phenol, sodium sulphate, etc. We have heard nothing recently from the State Board of Health, but if they do call on us and see that we are working on the problem to correct it, they will, no doubt, be satisfied.

Yours very truly,

HLL:lk

cc C.B. Edwards, Indpls.

303034

COPY**REPUBLIC CREOSOTING COMPANY**

Mr. H. L. Danz, St. Louis Park

Indianapolis

H. R. Horner

March 9, 1939

DRAINAGE DITCH

I have your letter of March 3rd and located the file which you referred to, in which I found your letter of November 10th.

You state in your letter of March 3rd, that there would be considerable difference in the amount of water discharged, depending on whether the basin was located at the by products building or where our waste water leaves the property.

A settling basin is designed for a certain detention period. By that I mean it is to be determined by tests of how long water must be held in a stagnant condition for the oil or impurities, to settle out and say it requires 48 hours. The settling basin then must be designed to hold all the water produced in 48 hours, which is a detention period of 48 hours to all the water being discharged.

Therefore, if we are running into the separatory pond water that does not need to be settled our pond will be too large for our real needs. You no doubt have determined whether the drainage water contains sufficient ~~foreign~~ material to make it objectionable to dumping into the public ditch. If this water does not need treating then we should locate the pond near the by product plant, in such a place that we could run all water that does need treating into this pond. If your letter of November 10th ~~could~~ not give us this correct information, please revise it taking the samples and the readings at a point where it will give us results representing all the water to be treated.

I am sending you a chart of the Maywood water flow. The circles on the chart show the time the readings were made and the samples taken. All the samples were combined and the result sample was checked for rate of settling.

Please get us this information in the form outlined in the graph, so that we can design proper size settling basins and correct this problem.

Very truly yours,

HRH:W
MO

303035

COPY**REPUBLIC CREOSOTING COMPANY****Mr. W. J. McLellan, St. Louis Park****Indianapolis****H. B. Horner****February 28, 1939****Drainage Ditch**

I understand that you are waiting for information from us in regard to correcting your drainage problem; and we in turn are waiting for information from you.

We requested the actual gallons of water flowing through your drainage system, but have not received this information. I am attaching another copy of our weir-box drawing, which box can be installed in your drainage system to give you this information. Please give us the actual height of the weir over a 24-hour period and we can then calculate the settling pond to take care of your difficulties.

Very truly yours,

HRH:C
EO —

303036

INTER-OFFICE CORRESPONDENCE

REPUBLIC CREOSOTING COMPANY

TO: HOME OFFICE - Indianapolis

OFFICE: St. Louis Park, Minn.

FROM: W. J. McLellan

DATE: June 1, 1939

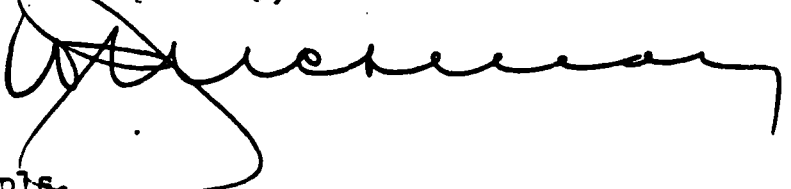
SUBJECT: DRAINAGE DITCH

We have heard nothing from you in connection with our drainage ditch problem here and are very anxious to come to some decision in connection with the problem of our waste water as we are sure to hear further from the State Board of Health and must have your instructions before we can discuss the matter with them.

We have given you a number of samples from our drainage ditch together with weir readings and will be very glad to give you further information of this sort if you desire it, but as we understand it, the purpose of this information is to determine the size and capacity of settling basins, which, of course, will take care of any suspended matter in the waste water but the thing the State Board of Health are objecting to is the phenols and similar soluble acids in the waste water as well as light oils and this material could not be kept from flowing into the swamp area by the use of settling basins alone as far as we can see. Perhaps you have something in mind in connection with the treatment of this water to remove such acids and light oils but if so, we have not been so advised.

Will you please give this matter your attention again and let us hear from you as promptly as possible?

Yours very truly,



WJM:LR

cc - Mr. H. R. Horner, Indpls.

cc - Mr. T. E. Courtney, Indpls.

303039